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7PM 3506 Resin, Acrylic

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ROHM AND HAAS COMPANY

CORPORATE HEALTH AND SAFETY
INDEPENDENCE MALL WEST
PHILADELPHIA, PA. 19105

EMERGENCY PHONE
215-592-3000 (ROHM AND HAAS)
800-424-9300 (CHEMTREC)



HAZARD RATING:

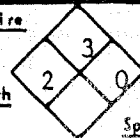
4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT
* = CHRONIC HEALTH HAZARD - SEE SECTION IV

Fire

Health

Reactivity

Special



LIST 8

MATERIAL SAFETY DATA SHEET

MATERIAL ACRYLOID B-72 (50%)	CODE 6-6753	FREIGHT CLASSIFICATION RESIN SOLUTION, FLAMMABLE LIQUID
FORMULA	CHEMICAL NAME AND SYNONYMS Solvent - Solution Polymer	

I. HAZARDOUS INFORMATION

SUMMARY	WEIGHT %	TWA/TLV
Acrylic polymer (slight health hazard)	50.0	Not established
Residual monomer (moderate health hazard)	0.3 max	10 ppm (ACGIH)
Toluene (moderate health hazard)	50.0	100 ppm (skin) ACGIH

II. PHYSICAL DATA

APPEARANCE - ODOR - PH. Clear, colorless viscous liquid; sour/burnt odor			VISCOSITY 2500-5500 cps (Brookfield)
MELTING OR FREEZING POINT No data	BOILING POINT 231F	VAPOR PRESSURE (MM HG) 21 mm @ 68F	VAPOR DENSITY (AIR = 1) Heavier
SOLUBILITY IN WATER Negligible	PERCENT VOLATILE (BY WT.) 50	SPECIFIC GRAVITY (WATER = 1) 1.0	EVAPORATION RATE (BUTYL ACETATE = 1) Faster

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 44F (PMCC)	AUTO IGNITION TEMPERATURE 896F	LOWER EXPLOSION LIMIT 1.2 %	UPPER EXPLOSION LIMIT 7.1 %
EXTINGUISHING MEDIA <input checked="" type="checkbox"/> FOAM <input type="checkbox"/> "ALCOHOL" FOAM <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> DRY CHEMICAL <input checked="" type="checkbox"/> WATER FOG <input type="checkbox"/> OTHER			

SPECIAL FIRE FIGHTING PROCEDURES

Wear MESA/NIOSH approved self-contained breathing apparatus (Schedule 13).
Cool fire-exposed containers with water spray.
Solid stream of water will spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Products of combustion are toxic. Solvent vapors can travel to an ignition source and flash back. Explosive mixtures can form with air.

IV. HEALTH HAZARD DATA

RECOMMENDED ROHM AND HAAS HEALTH GUIDE TWA (MAXIMUM TIME WEIGHTED AVERAGE CONCENTRATION FOR AN 8-HOUR WORK PERIOD)

Toluene - 50 ppm (skin)

EFFECTS OF OVEREXPOSURE

Inhalation: To solvent vapors, mists, or residual monomers can cause headache, drowsiness, weakness, incoordination, tremors, coma, irritation of respiratory tract, and depression of central nervous system.

Skin contact: Repeated skin contact may cause irritation, defatting fissured dermatitis; this solvent can penetrate skin causing symptoms of inhalation exposure to reappear.

Eye contact: Direct eye contact can cause irritation, fine vacuolar lesions of cornea.

Chronic overexposure: By any route can cause cerebellar degeneration, liver damage, bone marrow suppression.

EMERGENCY AND FIRST AID PROCEDURES	INHALATION	Remove to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call physician.
	EYE AND SKIN CONTACT	Immediately flush eyes with plenty of water for at least 15 minutes and consult physician; wash skin thoroughly with soap and water; if drenched, remove and wash clothing before reuse.
	INGESTION	If victim is conscious, induce vomiting at once by giving two glasses of water to drink and placing finger at back of victim's throat. Call physician immediately.

V. REACTIVITY DATA

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID NA
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may yield: oxides of carbon, solvent vapors, toxic monomer vapors.	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID NA
INCOMPATIBILITY (MATERIALS TO AVOID) <input type="checkbox"/> WATER <input checked="" type="checkbox"/> OTHER Strong oxidizers	

VI. SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
 Keep all unprotected and unnecessary people away. Remove all sources of ignition. Wear MESA/NIOSH approved respirator. Self-contained breathing apparatus is preferred. Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water. Caution - Floors may become slippery.

WASTE DISPOSAL METHODS

Incinerate liquid in approved equipment. Landfill contaminated diking material according to current local, state and federal regulations, with due regard for flammability of the solvent.

VII. SPECIAL PROTECTION INFORMATION

TYPE VENTILATION Explosion-proof exhaust ventilation at point of contaminant release.	
RESPIRATORY PROTECTION None required if good ventilation is maintained. Otherwise wear MESA/NIOSH approved respirator where vapor concentrations are encountered.	
PROTECTIVE GLOVES Impervious	EYE PROTECTION Splashproof safety goggles (ANSI Z87.1, 1968)
OTHER PROTECTIVE EQUIPMENT Impervious apron; eyewash facility; emergency shower.	

VIII. STORAGE AND LABELING

STORAGE TEMPERATURE MAX. 140F MIN.	INDOOR YES	HEATED NO	REFRIGERATED NO	OUTDOOR YES
COMMENTS NOTE: Store containers in approved areas. (Ventilated and sprinkler system.) Ground all containers prior to pouring. Use non-sparking tools. Exposure to high vapor concentration can occur when transferring material from container to container.				

IX. TOXICITY INFORMATION

X. MISCELLANEOUS INFORMATION

NOTE: Residual monomer content under conditions of normal handling present no problem; however, high levels of monomer vapors can be released into workroom atmosphere when solution polymers are heat cured or dried (ovens, drying tunnels, etc.) if good ventilation is not used. Spray from resin solutions must not be inhaled, respirators should be provided if engineering controls are not adequate. Inhalation exposures to mists or dusts of acrylic polymer should be maintained at less than 10 mg/M3 8-hour TWA limit established for nuisance dusts.

NA = NOT APPLICABLE C = CEILING VALUE	THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSON PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED. FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.	DATE OF ISSUE 7/79	SUPERSEDES 10/72
CODE 6-6753	PREPARED BY <i>Katherine R. [Signature]</i>		